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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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|----------------|--|-----------------|-------------|------|
| COUNTRY | Austria | REPORT | | 25X1 |
| SUBJECT | Production of the SMV Schwechat and Lobau Refineries | DATE DISTR. | 6 July 1954 | |
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This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

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SCHWECHAT REFINERY (March 1954)1. Atmospheric Installations - Production.

No. 1. Amount of crude oil processed: 12,950 tons (Aderklaa)

| | |
|----------|--------|
| Gasoline | 17.0 % |
| Kerosene | 28.2 % |
| Gasoil | 23.6 % |
| Residue | 30.0 % |
| Loss | 1.2 % |

This installation was not in use for 12 days of the month.

No. 2. Amount of crude oil processed: 11,040 tons (Matzen)

| | |
|----------|--------|
| Gasoline | 4.1 % |
| Kerosene | 9.8 % |
| Gasoil | 26.2 % |
| Residue | 58.7 % |
| Loss | 1.2 % |

This installation was not in use for 7 days of the month.

25 YEAR RE-REVIEW

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| | | | | | | | | | | | | | | | |
|-------|---|------|---|------|---|-----|---|-----|--|-----|--|--|--|--|--|
| STATE | X | ARMY | X | NAVY | X | AIR | X | FBI | | AEC | | | | | |
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(Note: Washington Distribution Indicated By "X"; Field Distribution By "#".)

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Cracking Installation (Atmospheric Plant)First Processing

Amount of crude oil (Matzen) 12,690 tons.

| | |
|----------|--------|
| Gasoline | 4.4 % |
| Kerosene | 11.8% |
| Gasoil | 22.4 % |
| Residue | 60.1 % |
| Loss | 1.3 % |

This installation was not in use for 4 days of the month.

Cracking Process

Amount of crude oil processed: 19,118 tons (Matzen-Masut)

| | |
|---------------------------|----------|
| Light and Heavy Gasoline | - 30.2 % |
| Cracked Benzin (Spaltgas) | - 8.7 % |
| Residue | - 59.3 % |
| Loss | - 1.8 % |

Note: The converted vacuum installation was not in operation during the month of March.

2. Deliveries.

The following percentage deliveries were made during the month of March:

Gasoline: 100% to the central storage depot at Lobau.

Kerosene: 55% to the central storage depot at Lobau.

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Gasoil: 100% to the central storage depot at Lobau.

Furnace oil: 40% to the central storage depot at Lobau.

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25% to Czechoslovakia.

Bitumen: 80% to local Austrian industry.

20% as soft bitumen to Poland.

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LOBAU REFINERY (March 1954)3. Atmospheric Installations - Production.No. 1. Amount of crude oil processed: 21,995 tons (Aderklaa)

| | |
|----------|--------|
| Gasoline | 22.3 % |
| Kerosene | 26.1 % |
| Gasoil | 18.8 % |
| Residue | 31.6 % |
| Loss | 1.2 % |

This installation was not in use for 6 days of the month.

No. 2. Amount of crude oil processed: 11,760 tons (Matzen)

| | |
|----------|--------|
| Gasoline | 4.2 % |
| Kerosene | 9.5 % |
| Gasoil | 25.8 % |
| Residue | 59.3 % |
| Loss | 1.2 % |

4. Deliveries.

Gasoline - 100 % pumped to the central storage depot at Lobau.

Kerosene - 70 % to the central storage depot at Lobau.
30 % to Czechoslovakia.

Gasoil - 40% to the central storage depot at Lobau.

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Furnace-oil - 60% to the central storage depot at Lobau.

25% to local Austrian industry.

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5. a. The difference in the yield obtained from Matzen and Aderklaa crude oils lies in the composition of these oils. When top-processed, Matzen crude oil produces approximately 6% gasoline at a temperature of 300-350°C. If the top residue is then

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cracked a further 30%, gasoline is produced at a temperature of 450 to 500°C. The Aderklaa crude oil is also top-processed and produces up to 28% gasoline at a temperature of approximately 350°C. The crude oil has however different properties and is a paraffin-oil.

- b. The difference in the production lies in the method of running the installation and is governed by the management dependent upon whether a light or a heavy distillation is to be produced.

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